

**EAST Search History****EAST Search History (Prior Art)**

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	2	(2003/0074885 "5193346").pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/10/19 11:01
S2	4	("20030074885" "5193346").pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/10/19 11:01
S3	473817	conical	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/10/19 11:23
S4	37044	backflow	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/10/19 11:23
S5	3795	S3 and S4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/10/19 11:23
S6	47991	swirl	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/10/19 11:24
S7	257	S5 and S6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/10/19 11:24
S8	54653	"431"/\$.cls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/10/19 11:24
S9	80	S7 and S8	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/10/19 11:25
S10	1	10/586816	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/10/19 11:38

S11	2	("5865609").pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/10/19 12:29
S12	5028	431/9,8,350,351,353,354.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/10/19 12:45
S13	7003	(conical or cone) near3 shell	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/10/19 14:29
S14	584630	contour or bulg\$4 or constrict\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/10/19 14:30
S15	1871075	contour or bulg\$4 or constrict\$4 or venturi or narrow\$4 or Bernoulli	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/10/19 14:32
S16	433	S13 same S15	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/10/19 14:33
S17	206890	burner	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/10/19 14:33
S18	963562	burner or combustion	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/10/19 14:33
S19	52	S16 and S18	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/10/19 14:33
S20	381	S16 not S19	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/10/19 14:44
S21	84790	swirl\$	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/10/19 15:15

S22	917924	combust\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/10/19 15:15
S23	1258	S21 same S15 same S22	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/10/19 15:15
S24	533	S17 and S23	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/10/19 15:16
S25	522	S24 not S16	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/10/19 15:16
S26	736231	(conical or cone)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/10/19 15:44
S27	1009	S12 and S26	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/10/19 15:44
S28	50	S13 and S27	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/10/19 15:45
S29	473817	conical	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/10/19 18:56
S30	37044	backflow	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/10/19 18:56
S31	3795	S29 and S30	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/10/19 18:56
S32	47991	swirl	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/10/19 18:56

S33	257	S31 and S32	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/10/19 18:56
S34	54653	"431"/\$.cls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/10/19 18:56
S35	80	S33 and S34	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/10/19 18:56
S36	5028	431/9,8,350,351,353,354.cls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/10/19 18:56
S37	7003	(conical or cone) near3 shell	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/10/19 18:56
S38	1871075	contour or bulg\$4 or constrict\$4 or venturi or narrow\$4 or Bernoulli	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/10/19 18:56
S39	433	S37 same S38	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/10/19 18:56
S40	206890	burner	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/10/19 18:56
S41	963562	burner or combustion	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/10/19 18:56
S42	52	S39 and S41	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/10/19 18:56
S43	84790	swirl\$	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/10/19 18:56

S44	917924	combust\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/10/19 18:56
S45	1258	S43 same S38 same S44	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/10/19 18:56
S46	533	S40 and S45	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/10/19 18:56
S47	736231	(conical or cone)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/10/19 18:56
S48	1009	S36 and S47	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/10/19 18:56
S49	50	S37 and S48	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/10/19 18:56
S50	1016	S35 or S39 or S42 or S46 or S49	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/10/19 18:56
S51	816	S50 not S36	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/10/19 18:57

## EAST Search History (Interference)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	9391	(swirl\$4).clm.	US-PGPUB; USPAT; UPAD	OR	ON	2010/10/20 08:52
L2	580383	(mix\$4).clm.	US-PGPUB; USPAT; UPAD	OR	ON	2010/10/20 08:53
L3	3352	1 and 2	US-PGPUB; USPAT; UPAD	OR	ON	2010/10/20 08:53
L4	21931	(burner).clm.	US-PGPUB; USPAT; UPAD	OR	ON	2010/10/20 08:53
L5	603	3 and 4	US-PGPUB; USPAT; UPAD	OR	ON	2010/10/20 08:53

L6	93741	(conic\$5).clm.	US-PGPUB; USPAT; UPAD	OR	ON	2010/10/20 08:54
L7	130058	(conic\$5 or cone).clm.	US-PGPUB; USPAT; UPAD	OR	ON	2010/10/20 08:54
L8	178	5 and 7	US-PGPUB; USPAT; UPAD	OR	ON	2010/10/20 08:54
L9	120302	(narrow\$4).clm.	US-PGPUB; USPAT; UPAD	OR	ON	2010/10/20 08:55
L10	14	8 and 9	US-PGPUB; USPAT; UPAD	OR	ON	2010/10/20 08:55
L11	0	("2007/0259296").URPN.	USPAT	OR	ON	2010/10/20 09:01
L12	119	8 not 10	USPAT	OR	ON	2010/10/20 09:11

10/ 20/ 10 10:09:48 AM

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